Cyber Security Services

Cyber security is a key issue across the NHS, with the number and complexity of cyber attacks increasing. Organisations are faced with the imminent enforcement of the new EU Data Protection Regulation (GDPR). Under GDPR future cyber attacks will result in substantial fines being levied against NHS Trusts.

The Government's Cyber Essentials Plus scheme outlines steps needed to achieve effective security and compliance but most in-house IT teams do not have the resource, time or expertise to implement the necessary changes.

Ideal, a leading strategic health IT service provider, offers a tailored end-to-end cyber service, developed from many years of supporting installations in over 150 healthcare organisations. This service is designed to enable NHS Trusts to seamlessly cover the recommended ten steps, becoming cyber secure and GDPR compliant with minimal disruption to systems.

Ideal has developed a series of services to maximise business cyber security, working together with a Trust to ensure that the people, processes and systems which comprise the Trust's cyber security defences are robust, up-to-date, and compliant with current legislation.

Ideal's Solutions
Complimentary Health Care Services
A free strategic review for highlighting key risk areas within the context of the Government's 10 Steps to Cyber Security includes:-

• Vulnerability scan to provide a complete picture across networks.

• Phishing test for up to 100 users to enable the Trust to determine awareness and training requirements.

IT Health Check
Each client engagement begins with an IT security health check to identify current vulnerabilities and gaps within the existing systems and processes. A forensic approach is used to compile an in-depth and confidential board-level report which encompasses the technical, governance, structure and knowledge facets of the organisation's IT.

A comprehensive "business case for change" with a detailed gap analysis based on industry standards including:-

• ISO27001 and the Cyber Essentials Plus scheme to obtain a comprehensive picture of your security posture.

• Supply chain analysis will provide a risk assessment of an organisation's supply chain and highlight areas of potential risk, which will be benchmarked against Cyber Essentials Plus and Data Loss Prevention.

The programme management team at Ideal will then propose a cost-effective schedule of works that resolves both immediate and long-term cyber security issues, helping the organisation to obtain the Cyber Essentials Plus and ISO 27001 accreditations if required.

Business Continuity Study
This exercise ensures appropriate, usable plans are developed and regularly tested, providing a Trust or organisation with evidence that teams are prepared for any disruptive issues and able to provide expected levels of patient care whilst resolving these issues.

Cyber Essentials Plus / ISO 27001 Services
Ideal assists Trusts and Healthcare businesses to achieve the Cyber Essentials Plus accreditation. Successful achievement demonstrates that basic security controls are in place and operational within the context of the Government's 10 Steps to Cyber Security guide. This award gives the public confidence that a Trust has taken essential precautions and is ensuring commitment to excellence in patient care by being cyber safe.

Government Procurement Service Supplier

REC Member

SGS ISO 9001 / UKAS MANAGEMENT SYSTEMS 005

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Cyber Security Services

ideal
Your strategic Healthcare IT Partner

Ideal assists Trusts in getting an Information Security Management System (ISMS) implemented, maintained and certified to ISO 27001. Ideal works with your organisation through every aspect of this, including the pre-audit stage, ensuring that your organisation is certified first time.

Information Assurance services
Ideal can provide the following Information Assurance services: analysis and evaluation of information risks, explanation of causes, likelihood, and potential impacts of information risks, checking compliance with regulations, standards and policies and Codes of Connection (CoCo), presenting options for treating or transferring risks, investigating security incidents, operational security and promoting security awareness.

Risk Management services
Ideal will assist your organisation in achieving and maintaining options for treating and transferring risks, supporting the development of Risk Management Accreditation Document Sets (RMADS) in accordance with HMG IA standards. Ideal also provides Risk Advisory services which provide a focal point for the resolution of security and information risk matters including identification, analysis and evaluation of information risks, explanation of causes, likelihood and potential impact of risks.

Information and Data Governance
Data Governance is essential for organisations which rely on consistent quality data, and Ideal can work with the data officer to ensure data governance is adhered too, including segregation of an individual's data, so that an organisation complies with GDPR.

Data Loss Protection is critical when dealing with information and as part of ePHI (electronic protected health information) in order to comply with GDPR, as it covers components related to the security and privacy rules.

Ideal provides several services to enable departments to comply with the EU General Data Protection Regulation (GDPR). These services encompass specialist data protection consultancy, GDPR Awareness workshops, GDPR assessments, GDPR training, Data Protection Impact Assessments (DPIA), data breach management and programme management of GDPR compliance activity.

The Ideal IG Toolkit service, which includes the delivery of a road map for required remediation work, facilitates the development of policies, procedures, processes, solutions and training across an organisation, ensuring organisational compliance.

Vulnerability and Penetration testing
Ideal provides:-

• Network vulnerability scanning solutions. These identify which assets are on a network compared to the asset register, highlighting assets that are not up to date with security patching, which may put an organisation and a network at risk.

• External penetration testing across any number of IP addresses.

• Application testing on as many applications as required.

• Website testing ensuring confidence that all the information and pages are secure for patients.

• A continual testing solution rather than the scheduling of several penetration tests each year which are out of date as soon as they are completed. This ensures that an organisation has daily visibility and can make immediate changes to working practices to mitigate and resolve attacks.

Training and Awareness
Phishing awareness – Ideal offers a trial across 100 users to understand how at risk an organisation is from such attacks. This leads to an employee awareness programme to dramatically reduce exposure from attacks.

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Cyber Security Services

Security Awareness training – not everyone has access to corporate networks, therefore Ideal has created a classroom based security awareness programme so that all members of staff, contractors and supply chain members can be educated on the threats and signs to look out for.

Online training programme – a comprehensive programme, broken down into manageable sections, for all employees to complete regularly. There is also a programme for technical staff.

Network & Endpoint Solutions
Ideal provides industry leading software solutions for any part of your security infrastructure including:-

• Firewalls, which not only protect your organisation from external forces trying to access your data and networks, but also can prevent data loss from internal sources.

• Mobile device protection ensuring sensitive information is secure.

• 2-factor authentication, putting an extra layer of security around your organisation's data and networks.

•Protection against Ransomware.

• ISocial media protection which can ensure you are not attacked via malware from areas such as Facebook, Twitter or LinkedIn.

• Advanced persistent & Zero-day attack solution. Many attackers will attempt multiple advanced attacks to try to gain access to your network. Ideal provides a range of backup solutions to ensure that important data is always secure, regardless of whether it is in a data centre onsite, in the cloud or a combination of both.

• PC management solutions for organisations such as the NHS where multiple non-technical users with little IT knowledge are using single devices. These solutions save IT departments huge amounts of time in fixing workstation problems.

Incident Response
An organisation has been attacked, what should it do?

Ideal has the solutions and expertise to quickly and efficiently locate and determine the cause of the breach and put appropriate measures in place to ensure it doesn't happen again.

Ideal's offerings, skills and capabilities enables it to work with partners who are experienced and knowledgeable across the following platforms and more:

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Cyber Security Services

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Ideal's Cyber Capabilities

The team at Ideal includes some of the most experienced consultants who have a broad range of experience, capabilities and hold all senior national qualifications. These qualifications include the National Cyber Security Centre (CESG) Certified Cyber Security Consultancy certification which involves detailed scrutiny of capabilities by HMG's National Technical Authority on Cyber Security. Ideal is an HMG Approved Supplier for Cyber Security Services (on multiple frameworks) and an IASME Consortium Gold Certification partner for the IASME and Cyber Essentials Plus qualifications. All Ideal principal consultants are certified ISO 27001 Lead Implementers and additionally many are SC or DV cleared.

In more detail our capabilities cover all aspects of the following:-

Discover:		Protect:				Respond:	
	• Security Improvement Planning • Penetration Testing • Vulnerability Scanning • Security Check-ups • Phishing Tests • Database Security Review		• Next Generation Firewall • SIEM • Patch Management • Endpoint Security • Authentication • Content Security & DLP • Network Security	• Vulnerability Management • Database Security • DDoS Protection • Web Application Security • Network Access Control • Secure Data Sharing • Application security			• Digital Forensics • Incident Response • Remediation Planning
Plan:		Learn:					
	• ISO27001 • Cyber Essentials / PLUS • PCI DSS • COBIT5 • CISO as a Service • Business Continuity		• ISACA CISM Review Courses • Comptia + training • Secure Application Development • Forensic Awareness Training • ISACA CRISC Training • Consultation • Cyber Security Awareness Training				

Ideal's certification credentials:-

Certified Service — Cyber Security Consultancy – Risk Management 55629400

Certified Service — Cyber Security Consultancy – Risk Assessment 55629400

Crown Commercial Service Supplier

IASME Consortium GOLD Certified Company

COUNCIL OF REGISTERED ETHICAL SECURITY TESTERS — CREST

ISO 27001 Certified

CISM Certified Information Security Manager — An ISACA Certification

CYBER ESSENTIALS PLUS

COBIT5 An ISACA Framework

CHECK IT Health Check Service

ISACA

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